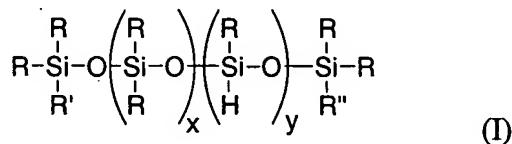


What is claimed is:

1. A process for preparing alkoxy-modified polyorganosiloxanes which comprises reacting

A) at least one polyorganosiloxane of the formula



wherein

R is one or more identical or different radicals selected from linear or branched, saturated, mono- or polyunsaturated alkyl, aryl, alkylaryl and arylalkyl radicals, each of which may be optionally substituted by haloalkyl groups, siloxy groups or triorganosiloxyl groups,

R' and R'' are each independently H or R,

x is an integer from 0 to 300,

y independently thereof, is an integer from 0 to 80;

wherein said polyorganosiloxane has at least one -Si(H) unit

with

B) at least one alcohol selected from the group consisting of a monounsaturated aromatic alcohol, a polyunsaturated aliphatic alcohol, a polyunsaturated aromatic alcohol, a polyunsaturated aliphatic alcohol, a monounsaturated aromatic polyalcohol, a monounsaturated aliphatic polyalcohol, a polyunsaturated aromatic polyalcohol, a polyunsaturated aliphatic polyalcohol, a polyether monoalcohol, a polyether polyalcohol, an aminoalcohol, and a mixture of said alcohols,

in the presence of a catalyst which consists of a mixture of at least one acid and at least one salt of an acid and, optionally a solvent.

2. The process according to claim 1 wherein

R is one or more identical or different radicals selected from linear or branched, saturated, mono- or polyunsaturated C₁-C₂₀ alkyl, C₁-C₂₀ aryl, C₁-C₂₀ alkylaryl and C₁-C₂₀ arylalkyl radicals, each of which is optionally substituted by C₁-C₂₀ haloalkyl groups, siloxy groups and/or triorganosiloxy groups,

R' and R'' are each independently H or R,

x is an integer from 0 to 300,

y independently thereof, is an integer from 0 to 80.

3. The process according to claim 1, wherein the alcohol is an N-alkyl alcohol, an arylamino alcohol, a polyoxyalkylene alcohol or an arylamino.

4. The process according to claim 1, wherein the pKa value of the acid is not negative.

5. The process according to one of claim 1, wherein the ratio of acid to salt in the catalyst from about 1:5 to about 5:1 molar equivalents.

6. The process according to claim 1, wherein the ratio of acid to salt in the catalyst is about 1:1.

7. The process according to claim 1, wherein the catalyst consists of at least one organic acid and at least one salt of an organic acid.

8. The process according to claim 7, wherein the organic acid and the salt of the organic acid is a carboxylic acid.

9. The process according to claim 8, wherein the salt of the carboxylic acid is the acid salt of the carboxylic acid.

10. The process according to claim 8 wherein the carboxylic acid is selected from the group consisting of:

formic acid, acetic acid, propionic acid, butyric acid, valeric acid, caproic acid, heptanoic acid, caprylic acid, nonanoic acid, capric acid, undecanoic acid, lauric acid, myristic acid, palmitic acid, stearic acid, arachic acid, behenic acid, cyclopentanecarboxylic acid, cyclohexanecarboxylic acid, acrylic acid, methacrylic acid, vinylacetic acid, crotonic acid, 2-/3-/4-pentenoic acid, 2-/3-/4-/5-hexenoic acid, lauroleic acid, myristoleic acid, palmitoleic acid, oleic acid, gadoleic acid, sorbic acid, linoleic acid, linolenic acid, pivalic acid, ethoxyacetic acid, phenylacetic acid, lactic acid, 2-ethylhexanoic acid, oxalic acid, malonic acid, succinic acid, tartaric acid, glutaric acid, adipic acid, pimelic acid, suberic acid, azelaic acid, sebacic acid, benzoic acid, o-/m-/p-tolylic acid, salicylic acid, 3-/4-hydroxybenzoic acid, phthalic acids, partly or fully hydrogenated phthalic acid derivatives and mixtures thereof.

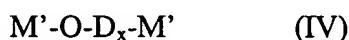
11. The process according to claim 1, wherein the salt is an ammonium or a metal salt.

12. The process according to claim 11, wherein the metal is an element of the 1st and 2nd main group.

13. The process according to claim 1, wherein the alcohol is methanol, ethanol, butyl polyether alcohols, allyl polyether alcohols, nonylphenyl polyether alcohols, styrene oxide-containing polyether alcohol butene oxide-containing polyether alcohols, or a mixture of two or more of the foregoing.

14. The process according to claim 1, wherein the ratio of SiH groups to alcohol groups in the range from about 1:1 to about 1:3 molar equivalents.

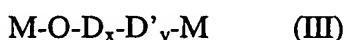
15. The process according to claim 1, wherein the ratio of SiH groups to alcohol groups is in the range from about 1:0.1 to about 1:0.99 molar equivalents.
16. The process according to claim 1, wherein the polyorganosiloxanes are terminal SiH-polyorganosiloxanes.
17. The process according to claim 1, wherein the polyorganosiloxanes are pendant or simultaneously pendant and terminal (mixed) SiH polyorganosiloxanes.
18. The process according to claim 1, wherein the polysiloxanes are compounds selected from the group of comb-like, α,ω -disubstituted and mixed polydimethylhydrosiloxanes of the general formula (I).
19. The process according to claim 16, wherein polyorganosiloxanes are selected from the polysiloxane of the formula (IV):



where

- M' is dialkyl(hydro)silyl,
- D is (dialkylsilyloxy), and
- x is an integer from 0 to 300.

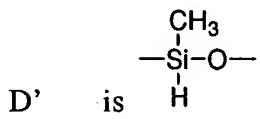
20. The process according to claim 19 where M' is dimethylhydrosilyl and D is dimethylsiloxy.
21. The process of claim 17, wherein polyorganosiloxanes are used which are selected from the group of the formula (III):



where

M is trialkylsilyl,

D is (dialkylsilyloxy),



x is an integer from 0 to 300, and

y independently thereof is an integer from 0 to 80.

22. The process according to claim 21, wherein the M is trimethylsilyl and D is dimethylsilyloxy.
23. The process according to claim 1, wherein the process does not contain a solvent.
24. The process according to claim 1, wherein the catalyst mixture is selected from the group consisting of formic acid/cesium formate, acetic acid/potassium acetate, acetic acid/cesium acetate, lactic acid/potassium lactate, 2-ethylhexonic acid/cesium 2-ethylhexanoate, 2-ethylhexanoic acid/cesium 2-ethylhexanoate, lauric acid/potassium laurate, lauric acid/cesium laurate, oleic acid/cesium oleate, benzoic acid/cesium benzoate, and o-tolylic acid/cesium salt of o-tolylic acid.
25. A printing ink or paint which comprises an alkoxy-modified polyorganosiloxane obtained by the process according to claim 1 and an ink.
26. A coating, plastic, cosmetic formulation, or polyurethane foam stabilizer which comprises an alkoxy-modified polyorganosiloxane according to claim 1.